

FAX COVER SHEET

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Attention: Examiner: Emmanuel Bayard
Supervising Examiner: Kenneth Vanderpuye
UNITED STATES PATENT AND TRADEMARK OFFICE

Fax: (571) 273-8300

Phone: (571) 272-3016

Phone: (571) 272-3078

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Pages: Cover + 2 + 15 + 1 = 19

Date: April 12, 2006 **APR 12 2006**

From: Georgann S. Grunebach
Assistant General Counsel

Fax: (310) 964-0941
Phone: (310) 964-4615

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I hereby certify that this correspondence is being facsimile transmitted to (571) 273-8300 (Centralized Facsimile Number), addressed to Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on April 12, 2006.

Date: April 12, 2006

Georgann S. Grunebach, Reg. No. 33,179

Attention: Commissioner for Patents

Attorney Docket No. PD-202129

Please find attached Re:

Inventor: Ernest C. Chen

Serial No.: 10/691,133

Filed: October 22, 2003

For: EQUALIZERS FOR LAYERED MODULATED AND OTHER SIGNALS

- AMENDMENT TRANSMITTAL
- AMENDMENT RESPONSE TO PTO REJECTION DATED 1-17-2006
- SUBSTITUTE ABSTRACT

PLEASE CONFIRM RECEIPT OF THIS FACSIMILE

If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

The DIRECTV Group, Inc., RE / R11 / A109, P.O. Box 956, El Segundo, CA 90245-0956

PATENT
Docket No. PD-202129
CUSTOMER NO.: 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen, et al.
Serial No.: 10/691,133
Filed: October 23, 2003
For: EQUALIZERS FOR LAYERED MODULATED
AND OTHER SIGNALS

Date: April 12, 2006
Group Art Unit: 2638
Examiner: Emmanuel Bayard

TRANSMITTAL LETTER FOR AMENDMENT UNDER 37 CFR §1.111

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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APR 12 2006

Sir: Transmitted herewith is an amendment in the above-identified application.

____ Applicant petitions for an extension of time for () month to respond to the Office Action dated _____.
If an additional extension of time is required, please consider this a petition therefor.

____ An extension for _____ month(s) has already been secured; the fee paid therefor of _____
is deducted from the total fee due for the total months of extension now requested. \$ _____
Extension fee due with this request \$ _____

X Applicant believes that no extension of time is required to respond to the Office Action dated January 17, 2006.
However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

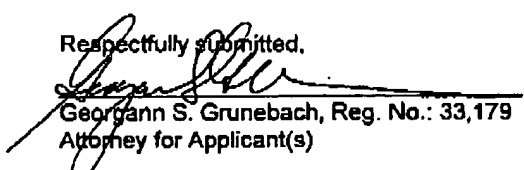
X Additional fee for claims is required.

X The fee for claims has been calculated as shown below:

	CLAIMS AS AMENDED						ADDITIONAL FEE
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	
TOTAL CLAIMS	38	minus	23*	=	15	x \$ 50.00	\$ 750.00
INDEPENDENT CLAIMS	4	minus	4**	=	0	x \$ 200.00	\$ 0
MULTIPLE DEPENDENT CLAIMS					0	+ \$ 360.00	\$ 0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:							\$ 750.00

Charge \$750.00 to Deposit Account No. 50-0383 of The DIRECTV Group, Inc. (formerly Hughes Electronics Corporation), El Segundo, California. Please charge any additional fees for claims or credit overpayment to Deposit Account No. 50-0383. If any additional extension fee is required, please charge to Deposit Account No. 50-0383. This form is being submitted in duplicate.

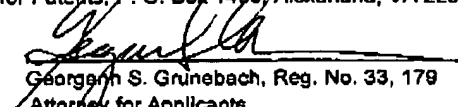
Respectfully submitted,


Georgann S. Grunebach, Reg. No.: 33,179
Attorney for Applicant(s)

CERTIFICATE OF TRANSMISSION UNDER 37 CFR §1.8

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The DIRECTV Group, Inc.
Bldg. R11, M/S A109
PO Box 956
El Segundo, CA 90245-0956
Date: April 12, 2006


Georgann S. Grunebach, Reg. No. 33, 179
Attorney for Applicants
Telephone No.: (310) 964-4615

April 12, 2006
Date of Signature

Due Date: April 17, 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Ernest C. Chen et al. Examiner: Emmanuel Bayard
Serial No.: 10/691,133 Group Art Unit: 2638
Filed: October 22, 2003 Docket: PD-202129
Title: EQUALIZERS FOR LAYERED MODULATED AND OTHER SIGNALS

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Georgann S. Grunbach, Registration No. 33,179

Customer No. 020991

AMENDMENT UNDER 37 C.F.R. §1.111

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated January 17, 2006, please amend the above-identified application as follows.

04/13/2006 TL0111 00000047 500383 10691133
01 FC:1202 750.00 DA